

Alfred

[illegible]

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4. (Amended) A process [Process] according to [one of the preceding claims, characterized in that fibres which] Claim 1, wherein said fibers have been coated with a layer of pyrolytic carbon and with a layer of [pyrolysable] a pyrolyzable binder [are used].

5. (Amended) A process [Process] according to [one of the preceding claims, characterized in that] Claim 1, wherein differently coated [fibres] fibers are used for the various pressing compounds.

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6. (Amended) A process [Process] according to Claim 5, [characterized in that] comprising filling the press mold [mould is filled] with the differently coated [fibres] fibers in such a manner that a green body is formed[,] from which it is possible to obtain a [fibre] fiber composite material with a substantially graphite core and a substantially ceramic surface.

7. (Amended) A process [Process] according to Claim 6, [characterized in that fibres] wherein fibers with a pronounced coating are used for the substantially graphite core and [fibres] fibers with a thin coating and/or [fibres] fibers without a coating are used for the substantially ceramic surface.

8. (Amended) A process [Process] according to Claim 6, [characterized in that fibres] wherein fibers with a coating which is relatively unreactive with respect to the matrix are used for the substantially graphite core and [fibres] fibers with

a coating which is more reactive with respect to the matrix are used for the substantially ceramic surface.

9. (Amended) A process [Process] according to [one of the preceding claims, characterized in that] Claim 1, wherein substantially short [fibres] fibers or short [fibre] fiber bundles are used to produce the pressing compounds.

10. (Amended) A process [Process] according to [one of the preceding claims, characterized in that fibres] Claim 1, wherein fibers of different lengths are used for the various pressing compounds.

11. (Amended) A process [Process] according to [one of the preceding claims, characterized in that fibres] Claim 1, wherein fibers made from different materials are used for the various pressing compounds.

12. (Amended) A process [Process] according to [one of the preceding claims, characterized in that] Claim 1, wherein [to produce the pressing compounds] the individual components are processed into granules [, in particular by being pelletized] to

produce the pressing compounds, and the granules are dried and pressed to form the green body.

13. (Amended) A process [Process] according to Claim 12, [characterized in that] wherein the granules are pressed by dry or hot extrusion.

14. (Amended) A process [Process] according to [one of Claims] Claim 1 [to 11, characterized in that to produce the pressing compound] , wherein the individual components are mixed in a kneader to produce the pressing compound and the mixture is pressed to form a green body.

15. (Amended) A process [Process] according to [one of the preceding claims, characterized in that] Claim 1, wherein a heat-curable binder is added to the pressing compound, and the pressed green body is cured by heating.

16. (Amended) [Fibre] A fiber composite material containing [fibres] fibers with a high hot strength, based on carbon, silicon, boron and/or nitrogen, which are reaction-bonded to a silicon-based matrix, [characterized in that it can be

produced using] made by the process [according to] of one of Claims 1 to 15.

A1 17. (Amended) [Fibre] A fiber composite material according to Claim [16, characterized in that it contains fibres] 1, containing fibers with a layer of carbon and/or pyrolytic carbon. ~

Please cancel Claims 18-20 without prejudice or disclaimer.

Please amend Claim 21 as follows:

A2 --21. (Amended) [Fibre] A fiber composite material [according to Claim 19, characterized in that] made by the process of Claim 6, wherein the substantially graphite core contains few or no [fibres] fibers which are reaction-bonded to the matrix, and the substantially ceramic surface contains predominantly or exclusively [fibres] fibers which are reaction-bonded to the matrix.--

Please cancel Claims 22-24 without prejudice or disclaimer.